

Title (en)

Method and apparatus for linearization of a power amplifier for mobile phones

Title (de)

Verfahren und Schaltungsanordnung zur Linearisierung eines Leistungsverstärkers in Mobilfunktelefonen

Title (fr)

Procédé et dispositif de linéarisation d'un amplificateur des téléphones mobiles

Publication

EP 1499012 B1 20060906 (DE)

Application

EP 03016253 A 20030717

Priority

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Abstract (en)

[origin: EP1499012A1] A process for linearising a power amplifier (11) in a mobile radiotelephone, especially in a universal system, comprises feeding modulated signals (6) with digital base band (5) pre-distortion into a non-linear amplifier and branching into two parts (27,28) for comparison, with one signal being regenerated and the second unchanged. An independent claim is also included for a circuit for the above process.

IPC 8 full level

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CPC (source: EP)

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Cited by

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